

Online FeO Measurement in Sinter Plant

WHY IS IT REQUIRED?

- ✓ FeO is the key indicator of Sinter quality which affects productivity and fuel rate at the blast furnace
- ✓ Current lab scale measurement lacks instantaneous feedback (8 hrs delay)



HOW IT WORKS?

- ✓ State-of-the art electromagnetic sensor for capturing magnetite content in the bulk sinter
- ✓ Sensor is installed immediately after the installation of crushing unit

WHAT IT DELIVERS?

- ✓ Online FeO measurement for sinter quality & control
- ✓ Real time and accurate feedback for the process control
- ✓ This would enable reduction of both fuel rate and CO₂ emissions up to hot metal stage

